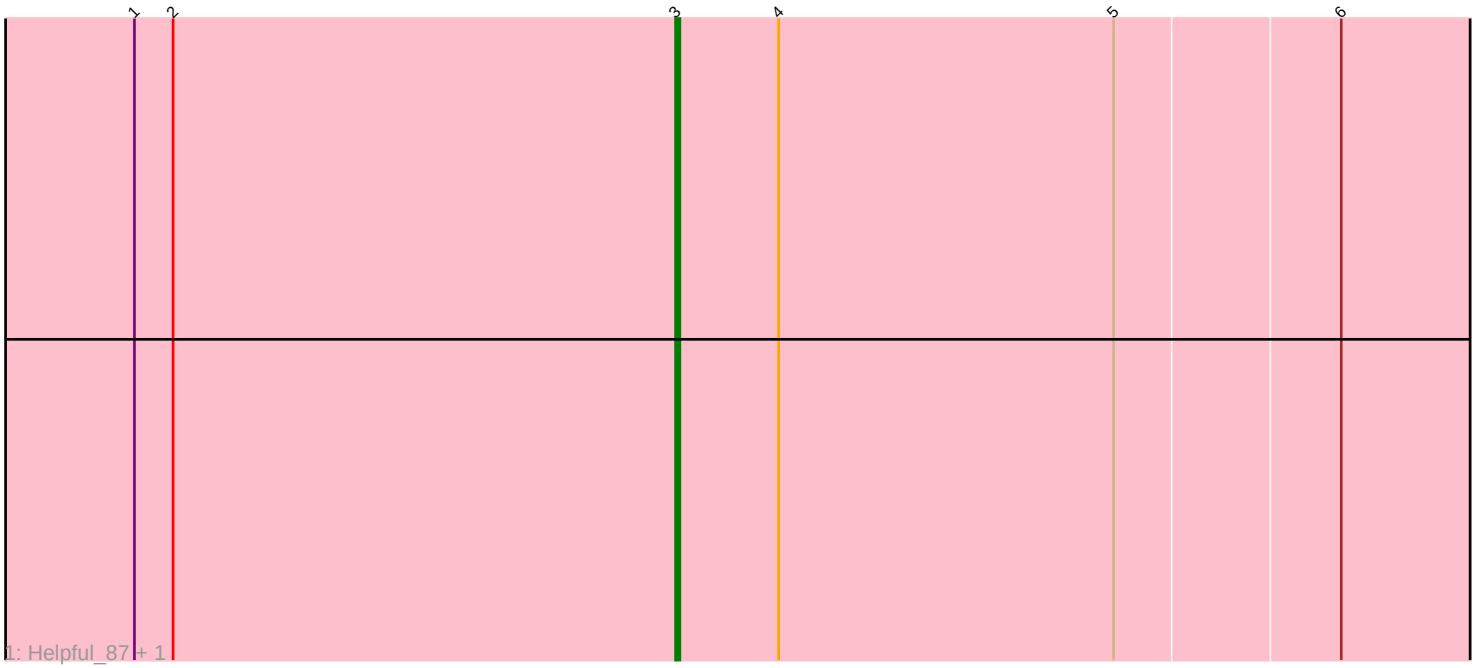
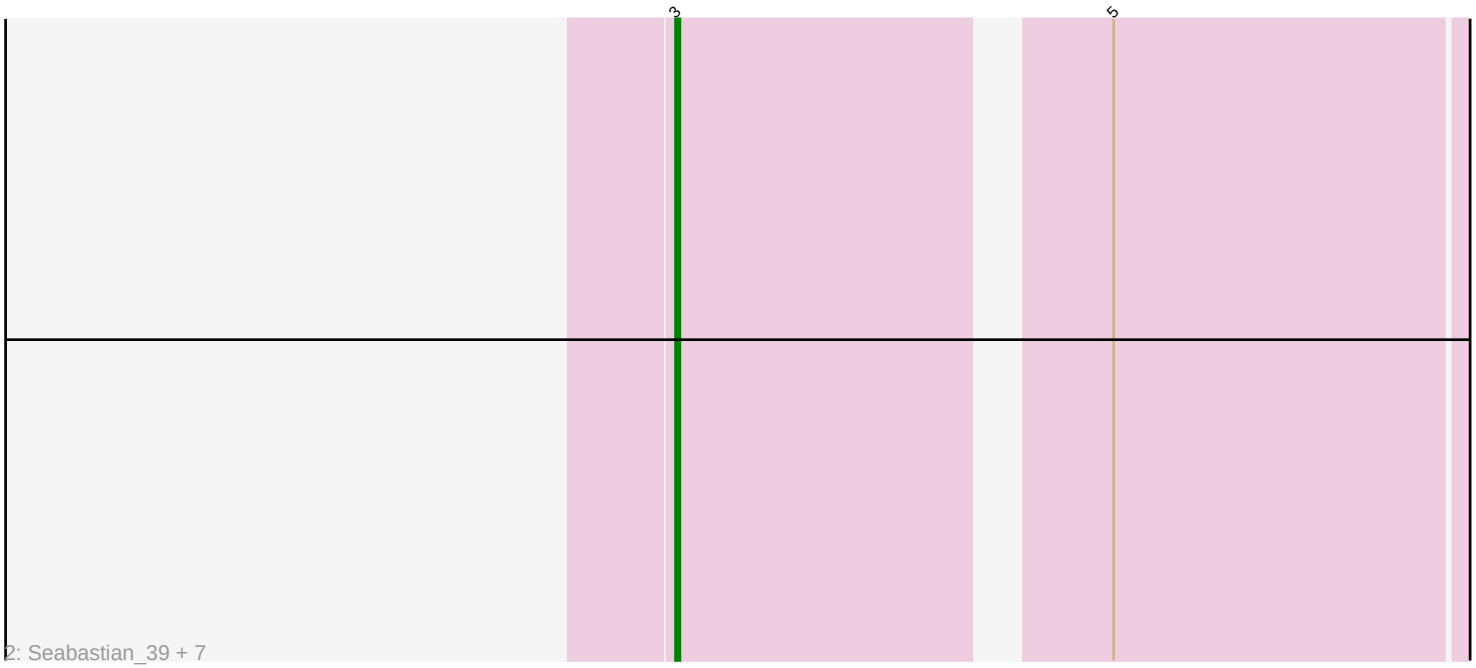
Pham 203553





Note: Tracks are now grouped by subcluster and scaled. Switching in subcluster is indicated by changes in track color. Track scale is now set by default to display the region 30 bp upstream of start 1 to 30 bp downstream of the last possible start. If this default region is judged to be packed too tightly with annotated starts, the track will be further scaled to only show that region of the ORF with annotated starts. This action will be indicated by adding "Zoomed" to the title. For starts, yellow indicates the location of called starts comprised solely of Glimmer/GeneMark auto-annotations, green indicates the location of called starts with at least 1 manual gene annotation.

Pham 203553 Report

This analysis was run 01/18/25 on database version 583.

Pham number 203553 has 10 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Helpful_87, KandZ_82
• Track 2 : Seabastian_39, Ochi17_37, AlpineSix_39, Jinglebell_38, Modragons_38, Llama_39, Oksu_39, OfUltron_39

Summary of Final Annotations (See graph section above for start numbers):

The start number called the most often in the published annotations is 3, it was called in 9 of the 9 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• AlpineSix_39, Helpful_87, Jinglebell_38, KandZ_82, Llama_39, Modragons_38, Ochi17_37, OfUltron_39, Oksu_39, Seabastian_39,

Genes that have the "Most Annotated" start but do not call it:
•

Genes that do not have the "Most Annotated" start:
•

Summary by start number:

Start 3:
• Found in 10 of 10 (100.0%) of genes in pham
• Manual Annotations of this start: 9 of 9
• Called 100.0% of time when present
• Phage (with cluster) where this start called: AlpineSix_39 (F1), Helpful_87 (D1), Jinglebell_38 (F1), KandZ_82 (D1), Llama_39 (F1), Modragons_38 (F1), Ochi17_37 (F1), OfUltron_39 (F1), Oksu_39 (F1), Seabastian_39 (F1),

Summary by clusters:

There are 2 clusters represented in this pham: F1, D1,

Info for manual annotations of cluster D1:

•Start number 3 was manually annotated 2 times for cluster D1.

Info for manual annotations of cluster F1:
•Start number 3 was manually annotated 7 times for cluster F1.

Gene Information:

Gene: AlpineSix_39 Start: 31200, Stop: 31009, Start Num: 3
Candidate Starts for AlpineSix_39:
(Start: 3 @31200 has 9 MA's), (5, 31110),

Gene: Helpful_87 Start: 60143, Stop: 60346, Start Num: 3
Candidate Starts for Helpful_87:
(1, 60017), (2, 60026), (Start: 3 @60143 has 9 MA's), (4, 60167), (5, 60245), (6, 60296),

Gene: Jinglebell_38 Start: 31199, Stop: 31008, Start Num: 3
Candidate Starts for Jinglebell_38:
(Start: 3 @31199 has 9 MA's), (5, 31109),

Gene: KandZ_82 Start: 59971, Stop: 60174, Start Num: 3
Candidate Starts for KandZ_82:
(1, 59845), (2, 59854), (Start: 3 @59971 has 9 MA's), (4, 59995), (5, 60073), (6, 60124),

Gene: Llama_39 Start: 31198, Stop: 31007, Start Num: 3
Candidate Starts for Llama_39:
(Start: 3 @31198 has 9 MA's), (5, 31108),

Gene: Modragons_38 Start: 31043, Stop: 30852, Start Num: 3
Candidate Starts for Modragons_38:
(Start: 3 @31043 has 9 MA's), (5, 30953),

Gene: Ochi17_37 Start: 30650, Stop: 30459, Start Num: 3
Candidate Starts for Ochi17_37:
(Start: 3 @30650 has 9 MA's), (5, 30560),

Gene: OfUltron_39 Start: 31199, Stop: 31008, Start Num: 3
Candidate Starts for OfUltron_39:
(Start: 3 @31199 has 9 MA's), (5, 31109),

Gene: Oksu_39 Start: 31043, Stop: 30852, Start Num: 3
Candidate Starts for Oksu_39:
(Start: 3 @31043 has 9 MA's), (5, 30953),

Gene: Seabastian_39 Start: 31199, Stop: 31008, Start Num: 3
Candidate Starts for Seabastian_39:
(Start: 3 @31199 has 9 MA's), (5, 31109),